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FIG. 1A

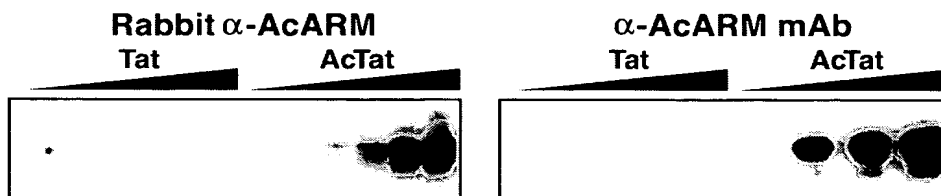
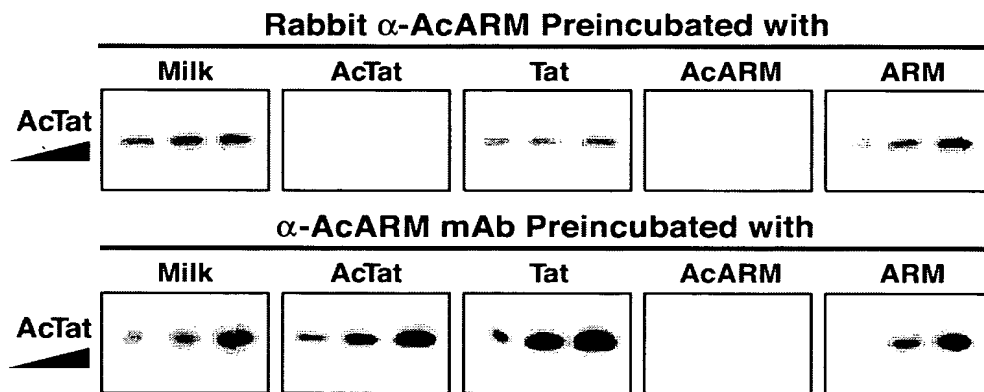


FIG. 1B



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FIG. 1C

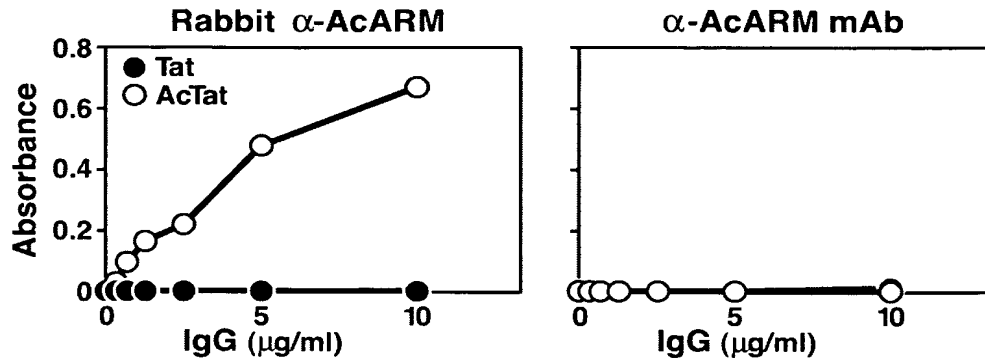


FIG. 1D

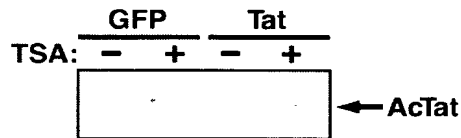


FIG. 1E

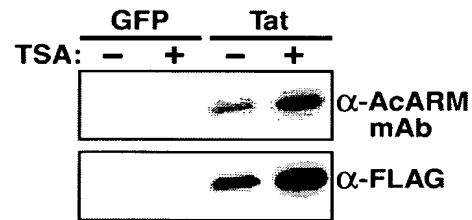
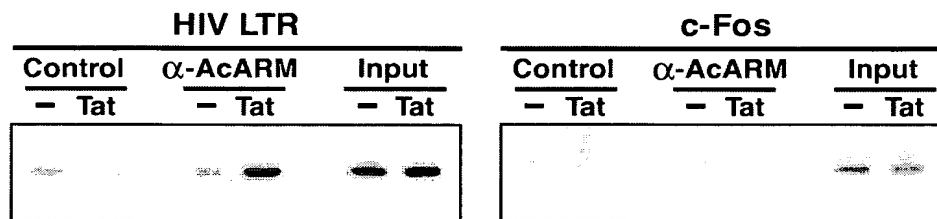


FIG. 1F



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FIG. 2A

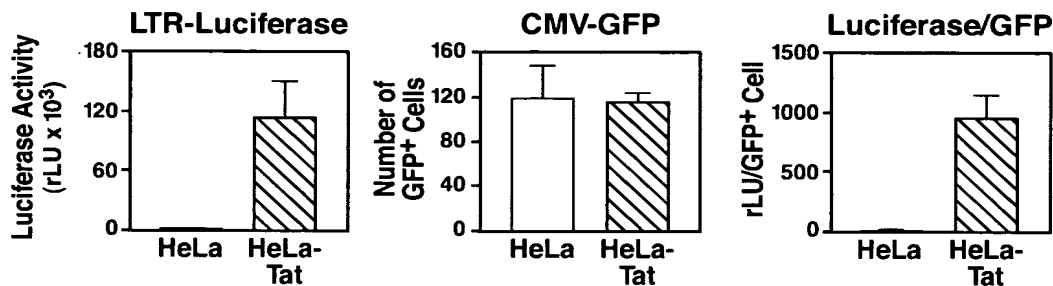
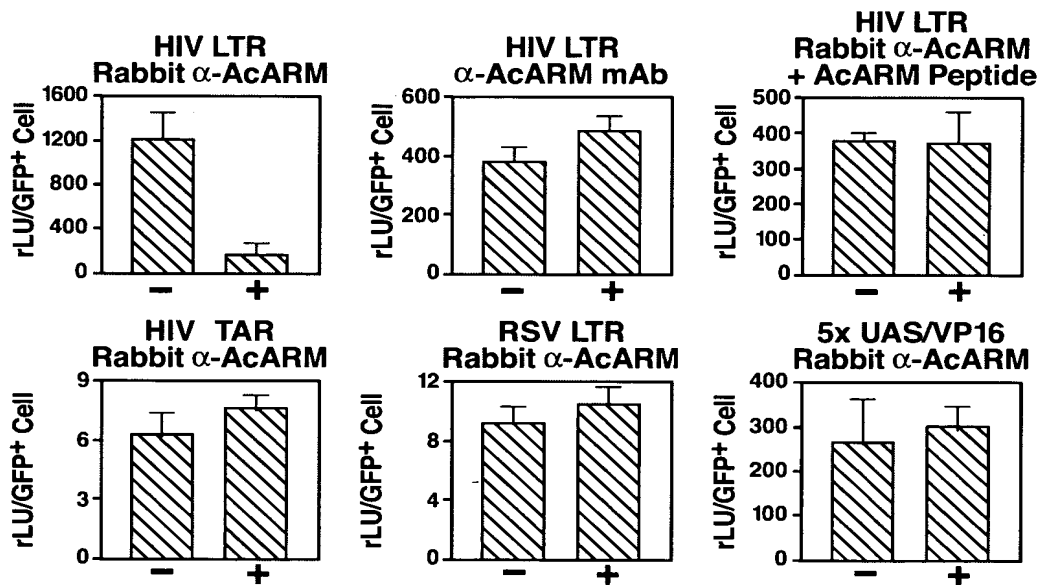


FIG. 2B



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FIG. 3A

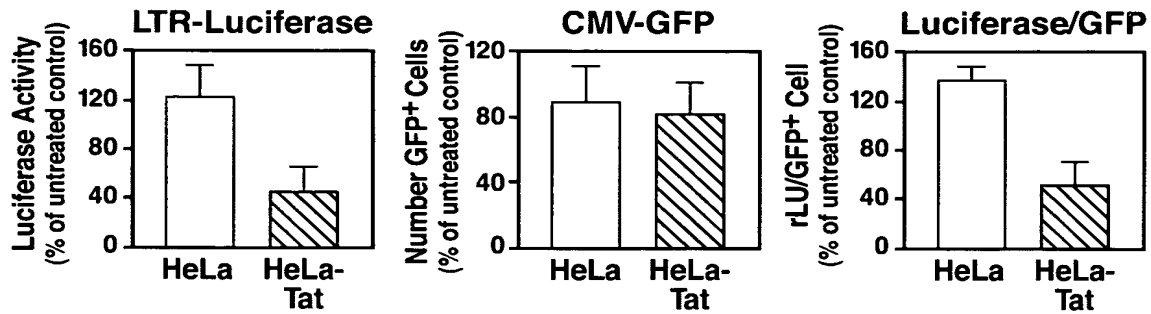
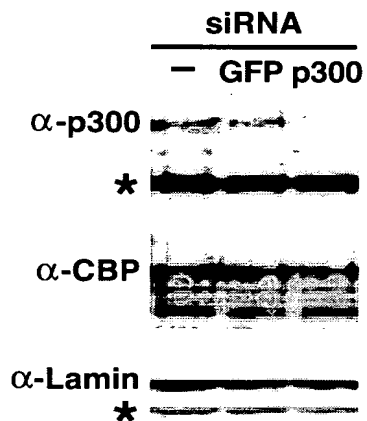


FIG. 3B



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FIG. 3C

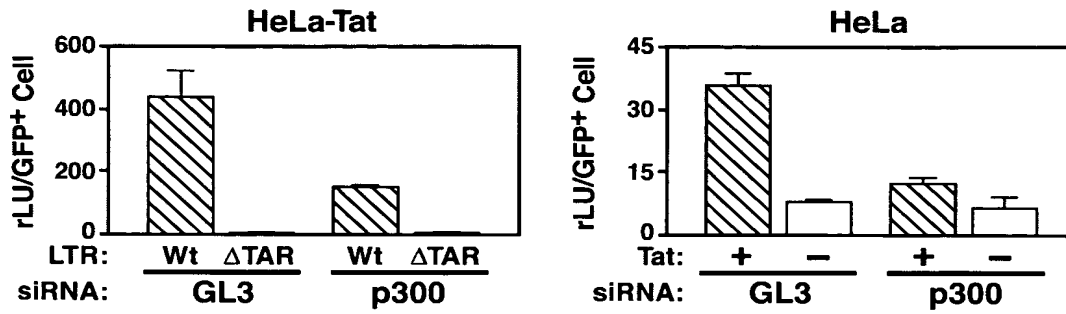
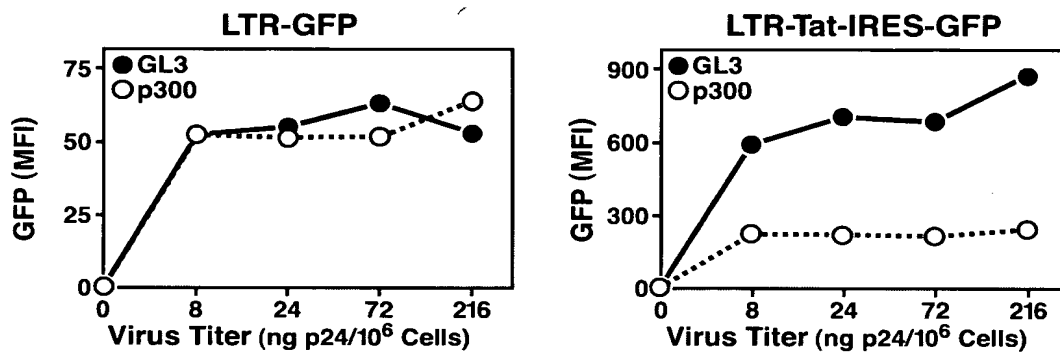


FIG. 3D



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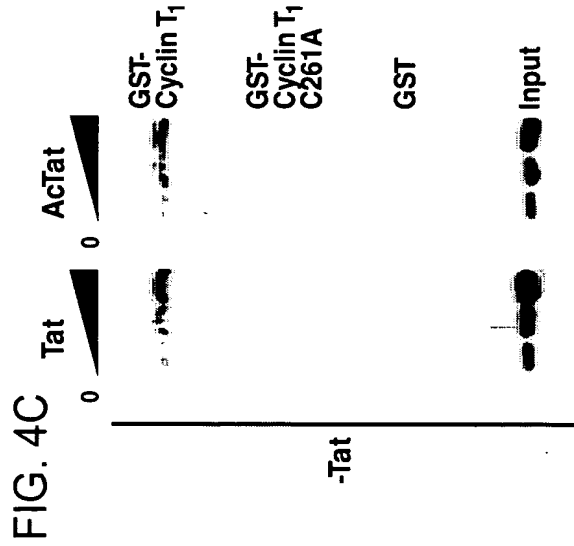
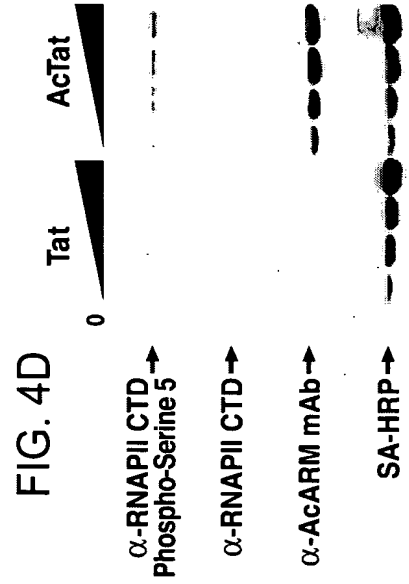
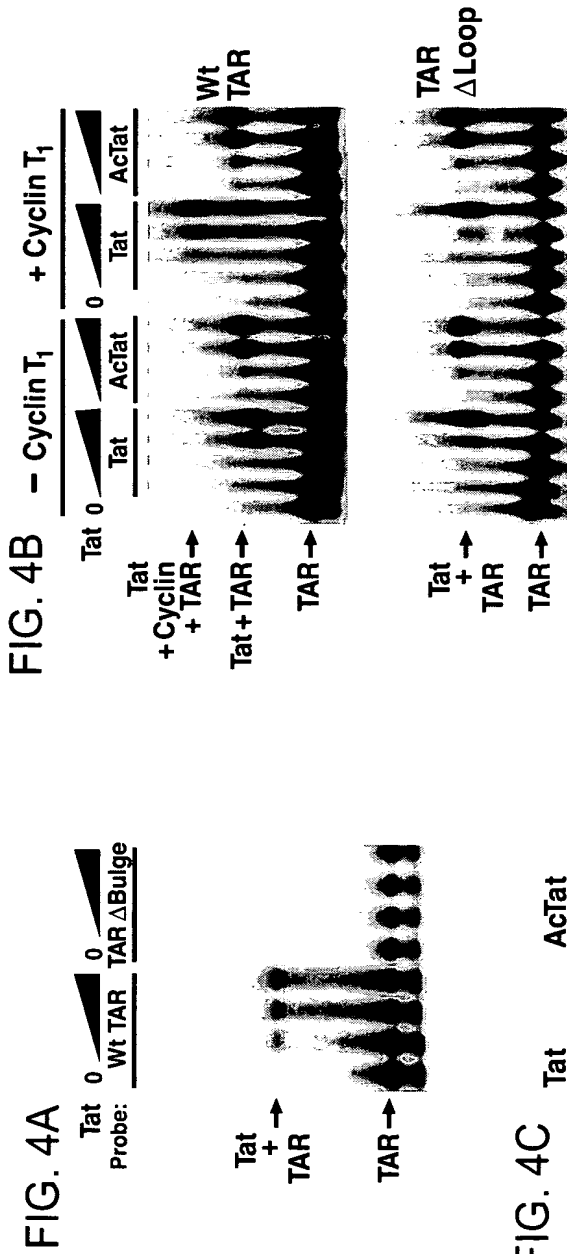


FIG. 5A

Tat alignment

	(1)	1	10	20	30	40	50
AAL29460	(1)	MEPVD	PRLEPWKH	PGSQPKT	ACTN	CYCKK	CCFHCQVCFITKALGISYGRK
P04606	(1)	MEPVD	PRLEPWKH	PGSQPKT	ACTN	CYCKK	CCFHCQVCFITKALGISYGRK
P04326	(1)	MEPVD	PRLEPWKH	PGSQPKT	ACTN	CYCKK	CCFHCQVCFITKALGISYGRK
P04607	(1)	MEPVD	PRLEPWKH	PGSQPKT	ACTN	CYCKK	CCFHCQVCFITKALGISYGRK
P04610	(1)	MEPVD	PRLEPWKH	PGSQPKT	ACTT	CYCKK	CCFHCQVCFITKALGISYGRK
P05908	(1)	MEPVD	PRLEPWKH	PGSQPKT	ACNN	CYCKK	CCYHCQVCFITKGLGISYGRK
P04608	(1)	MEPVD	PRLEPWKH	PGSQPKT	ACTN	CYCKK	CCFHCQVCFITKALGISYGRK
P05907	(1)	MEPVD	PRLEPWKH	PGSQPKT	ACTN	CYCKK	CCFHCQVCFITKALGISYGRK
P19552	(1)	MEPVD	PNLEPWKH	PGSQPR	TACTN	CYCKK	CCFHCQVCFITKGLGISYGRK
P04609	(1)	MDPVD	PNLEPWNH	PGSQPKT	ACNR	CHCKK	CCYHCQVCFITKGLGISYGRK
P12506	(1)	MDPVD	PNLEPWNH	PGSQPKT	ACNR	CHCKK	CCYHCQVCFITKGLGISYGRK
P04611	(1)	MDPVD	PNLEPWNH	PGSQPR	TPCN	KCHCKK	CCYHCPVCFITKGLGISYGRK
P18804	(1)	MDPVD	PNLESWNH	PGSQPR	TACN	KCHCKK	CCYHCQVCFITKGLGISYGRK
P04613	(1)	MDPVD	PNLEPWNH	PGSQPR	TPCN	KCYCKK	CCYHCQVCFITKGLGISYGRK
P24738	(1)	MEPVD	PNLEPWKH	PGSQPT	TACSN	CYCKV	CCWHCQLCFLKKGLGISYGKK
P04614	(1)	MEPVD	PNLEPWKH	PGSQPR	TACNN	CYCKK	CCFHCYACFTRKGLGISYGRK
P35965	(1)	MEPVD	PNLEPWKH	PGSQPR	TACNN	CYCKK	CCFHCQVCFITKGLGISYGRK
P20893	(1)	MEPVD	PRLEPWKH	PGSQPKT	ASN	CYCKR	CCCLHCQVCFITKGLGISYGRK
P04612	(1)	MEPVD	PRLEPWKH	PGSQPKT	ACTT	CYCKK	CCFHCQVCFITKALGISYGRK
P05905	(1)	MEPVD	PRLEPWKH	PGSQPKT	ACTT	CYCKK	CCFHCQVCFITKALGISYGRK
P05906	(1)	MDPVD	PRLEPWKH	PGSQPKA	ACTS	CYCKK	CCFHCQVCFITKGLGISYGRK
P19553	(1)	MEPVD	PRLEPWKH	PGSQPKT	ACTN	CYCKK	CCFHCQVCFITKGLGISYGRK
P20879	(1)	MEPVD	PSLEPWKH	PGSQPKT	ACTN	CYCKK	CCCLHCQVCFITKGLGISYGRK
Consensus	(1)	MEPVD	PRLEPWKH	PGSQPKT	ACTN	CYCKK	CCFHCQVCFITKALGISYGRK

FIG. 5B

60	70	83	84	90	103
KRRQRRRPPQGSQTHQVSLSKQPTSQSRG-DPT		DPT	GPKE	SKKVERETETDPFD-	(SEQ ID NO: 42)
KRRQRRRPPQGSQTHQVSLSKQPTSQSRG-DPT		DPT	GPKE	- - - - -	(SEQ ID NO: 43)
KRRQRRRAPQGSQTHQVSLSKQPTSQSRG-DPT		DPT	GPKE	- - - - -	(SEQ ID NO: 44)
KRRQRRRPPQGSQTHQVSLSKQPTSQPRG-DPT		DPT	GPKE	- - - - -	(SEQ ID NO: 45)
KRRQRRRPPQGSQTHQVSLSKQPTSQPRG-DPT		DPT	GPKE	- - - - -	(SEQ ID NO: 46)
KRRQRRGPPQGSQTHQVSLSKQPTSQPRG-DPT		DPT	GPKE	SKKVERETETDPAVQ	(SEQ ID NO: 47)
KRRQRRRAHQNSQTHQASLSKQPTSQPRG-DPT		DPT	GPKE	- - - - -	(SEQ ID NO: 48)
KRRQRRRAHQDSQNHQASLSKQPSQTRG-DPT		DPT	GPKE	PKKEVEREAETDPLD-	(SEQ ID NO: 49)
KRRQRRQAPDSSQNHQDLSKQPSQPRG-DPT		DPT	GPKE	SKKVERETETDPLD-	(SEQ ID NO: 50)
KRRQRRRPSQGGQTHQDPIPKQPSQPRG-NPT		NPT	GPKE	- - - - -	(SEQ ID NO: 51)
KRRQRRRPSQGGQTHQDPIPKQPSQPRG-DPT		DPT	GPKE	- - - - -	(SEQ ID NO: 52)
KRRQRRRGPPQGAHQVPIPKQPSQPRG-DPT		DPT	GPKE	QKKVSEAEETDP - -	(SEQ ID NO: 53)
KRRQRRRKPPQGDQAHQVPIPEQPSQSRG-DPT		DPT	GPKE	- - - - -	(SEQ ID NO: 54)
KRRQRRRPPQGNQAHQDPLPEQPSQHRGDHPT		DPT	GPKE	- - - - -	(SEQ ID NO: 55)
KRRKPRRGPPQGSKDHTLIPIKQPLPQSQR -VSA		VSA	QEE	SKKVESKAKTDRFA -	(SEQ ID NO: 56)
KRRQRRRAPQDSQTHQASLSKQPASQSRG-DPT		DPT	GPT	SKKVERETETDPPFD -	(SEQ ID NO: 57)
KRRQRRRPPQDSQTHQSSLSKQPTSQLRG-DPT		DPT	GPT	SKKVERETETDPVH -	(SEQ ID NO: 58)
KRRQRRRAPQDSKTHQVSLSKQPASQPRG-DPT		DPT	GPKE	SKKVERETETDPED -	(SEQ ID NO: 59)
KRRQRRRA - - - - -		- - - - -	- - - - -	- - - - -	(SEQ ID NO: 60)
KRRQRRRAPEDSQTHQVSLPKQPAQFRG-DPT		DPT	GPKE	SKKVERETETHPVD -	(SEQ ID NO: 61)
KRRQRRRAPQDSQTHQVSLPKQPASQARG-DPT		DPT	GPKE	SKKVERETETDPVD -	(SEQ ID NO: 62)
KRRQRRRAPDSEVHQVSLPKQPASQPOG-DPT		DPT	GPKE	SKKVERETETDPVH -	(SEQ ID NO: 63)
KRRQRRRPPQDSQTHQVSLPKQPSQQRG-DPT		DPT	GPKE	SKKVERETETDPDN -	(SEQ ID NO: 64)
KRRQRRRPPQGSQTHQVSLSKQPTSQSRG-DPT		DPT	GPKE	SKKVERETETDPPFD	(SEQ ID NO: 65)